



Specialized in chemicals

Technical Data Sheet

Hefei TNJ Chemical Industry Co.,Ltd.

B910-911 Xincheng Business Center,

Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 65418678

Fax: (0086) 551 65418697

Email: info@tnjchem.com

Site: www.tnjchem.com

Betaine HCL

Product Information

Molecular formula: C₅H₁₂ClNO₂

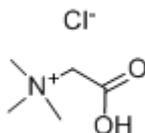
CAS Nr: 590-46-5

EINECS: 209-683-1

Molecular weight: 153.61

Synonyms: Betaine hydrochloride, Betaine HCl

Chemical Structure



Physical Properties

Melting point, 241-242 °C(lit.)

FEMA 4223

Specification

Characteristics	White granular crystals
Assay, %	≥ 98.0
PH	0.8~1.2
Water, %	≤ 1.0
Heavy metals (Pb), ppm	≤ 20.0
Residue on Ignition, %	≤ 1.0
Lead, ppm	≤ 10
Arsenic, ppm	≤ 2
The limit of total amine, ppm	≤ 300
Particle size	Through 20 Mesh

Safety

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety

Applications

Used for food, feed additives,

Pharmaceutical grade regulator used in gastrointestinal function

Packaging

25kg bag packing, 16mt/20" container without pallet, 15mt/20" container with 20pallet

25kg fiber drum packing, 12mt/20" container without pallet, 9mt/20" container with 20pallet

Storage & Handling

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center
Qianshan Road, Hefei
230022 Anhui
China

Tel : (0086) 551 65418678
Fax: (0086) 551 65418697
Email: info@tnjchem.com
Site: www.tnjchem.com